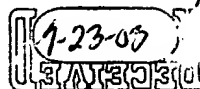


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Official

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Applicant: **Paglione et al.**Filed: **August 7, 2000**Case: **SAR 13385**Group Art Unit: **2633**Serial No.: **09/633,671**Examiner: **Dzung D. Tran**Title: **Optical Signal Generator**

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RESPONSE AND AMENDMENT UNDER 37 C.F.R. § 1.111

This response addresses the Office Action dated April 23, 2002 (Paper No. 6).

IN THE CLAIMS

Please amend claims 1, 5 and 6 as shown below. These claims are "clean version" of the amended claims, i.e., with changes incorporated into the claims, whereas the Appendix to this Amendment illustrates the amended claims using underlines and brackets to indicate addition and deletion, respectively.

- sub
C' } 1. (Amended) An apparatus for optically generating signals, the apparatus comprising:
by (a) a mode-locked semiconductor laser that generates mode-locked optical radiation with emitted wavelengths separated by approximately 10 GHz to approximately 300 GHz;